

# Massachusetts Electric

A **National Grid** Company



Amy G. Rabinowitz  
*Counsel*

December 18, 2001

Mary L. Cottrell, Secretary  
Department of Telecommunications and Energy  
One South Station, 2<sup>nd</sup> Floor  
Boston, MA 02110

**Re: Massachusetts Electric Company and Nantucket Electric Company, Docket No. D.T.E. 01-102**

Dear Secretary Cottrell,

Enclosed please find Massachusetts Electric Company's response to the Department's first set of data requests in the above captioned proceeding.

Thank you for your time and attention to this matter.

Very truly yours,

Amy G. Rabinowitz  
Attorney for  
Massachusetts Electric Company and  
Nantucket Electric Company

cc: Joseph Rogers

DTE 1-1

Request:

Please provide a month by month breakdown of fuel index costs, standard offer service sales, SOSFA revenues, under or over recovery of fuel index costs and the overall balance from the time the Company first received fuel index costs through the time the Company forecast that the overall standard offer fuel service balance will be zero.

Response:

Please refer to the attachment to this response for the breakdown of:

- C standard offer revenue between base standard offer revenue and estimated SOSFA revenue (Columns (b) and (e));
- C standard offer expense between base standard offer expense and fuel index adjustment payments (Columns (c) and (f));
- C the monthly over and under recovery of each, on a current basis (Columns (d) and (g)); and
- C the overall over or under recovery of standard offer activity (Columns (i) and (j)).

Since the Company does not bill out its SOSFA separately from its base standard offer rate nor its standard offer adjustment factor (all three are added together to arrive at one effective standard offer rate), these individual amounts are derived by taking the standard offer kWh deliveries in a billing month applied to the currently effective SOSFA and standard offer adjustment factor. These amounts are deducted from total standard offer revenue to arrive at base standard offer revenue as shown on Page 2 of the attachment to this response.

The Company anticipates, with the current level of fuel oil and natural gas prices, that fuel index payments under its wholesale standard offer contracts will cease beginning in April 2002. The attachment has been completed through June 2002 to be consistent with Exhibit TMB-5 of the Company's November 30, 2001 Retail Rate Filing. One correction to Exhibit TMB-5 that has been made in the attachment is to correct the January 2002 adjustment on Page 1 for the estimated final

Massachusetts Electric Company  
Nantucket Electric Company  
Docket No. D.T.E. 01-102  
Response to First Set of DTE Data Requests

DTE 1-1 (continued)

balance of the 2001 standard service adjustment factor reconciliation. The final balance is estimated to be a remaining under recovery of approximately \$55,000 per Page 4, however the adjustment on Page 1 of Exhibit TMB-5 treated it as an over recovery. This has been corrected on Page 1 of the attachment to this response.

Prepared by or under the supervision of: Theresa M. Burns

	Over/(Under) Beginning	Base Standard Service Revenue	Base Standard Service Expense	Base Standard Service Over/(Under)	SOSFA Standard Service Revenue	Fuel Index Standard Service Expense	Fuel Index Standard Service Over/(Under)	Standard Service Adjustment	Monthly Over/(Under) Ending Balance	Monthly Over/(Under) Ending Balance	Balance Subject to Interest	Interest Rate	Interest	Cumulative Interest	
Month	Balance (a)	Revenue (b)	Expense (c)	Over/(Under) (d)	Revenue (e)	Expense (f)	Over/(Under) (g)	Adjustment (h)	Balance (i)	Balance (j)	to Interest (k)	Rate (l)	Interest (m)	Cumulative Interest (n)	
Section 1: Actual															
1	Oct-1999	\$0	\$17,259,056	\$34,046,286	(\$16,787,229)	\$0	\$0	\$0	(\$16,787,229)	(\$16,787,229)	(\$8,393,615)	5.13%	(\$35,066)	(\$35,066)	
2	Nov-1999	(\$16,822,295)	\$36,170,578	\$36,355,050	(\$184,472)	\$0	\$0	\$0	(\$184,472)	(\$17,006,766)	(\$16,914,531)	5.13%	(\$70,663)	(\$105,729)	
3	Dec-1999	(\$17,077,430)	\$40,623,970	\$41,386,004	(\$762,034)	\$0	\$0	\$0	(\$762,034)	(\$17,839,464)	(\$17,458,447)	5.13%	(\$72,935)	(\$178,664)	
4	Jan-2000	(\$17,912,399)	\$43,355,494	\$48,272,160	(\$4,916,666)	\$0	\$0	(\$4,044,235)	(\$8,960,902)	(\$26,873,301)	(\$22,392,850)	5.43%	(\$98,890)	(\$277,554)	
5	Feb-2000	(\$26,972,191)	\$47,174,479	\$42,864,690	\$4,309,788	\$0	\$0	\$0	\$4,309,788	(\$22,662,402)	(\$24,817,297)	5.43%	(\$109,597)	(\$387,151)	
6	Mar-2000	(\$22,771,999)	\$42,321,593	\$41,883,859	\$437,734	\$0	\$0	\$0	\$437,734	(\$22,334,265)	(\$22,553,132)	5.43%	(\$99,598)	(\$486,749)	
7	Apr-2000	(\$22,433,863)	\$38,541,267	\$38,021,435	\$519,832	\$0	\$1,080,609	(\$1,080,609)	(\$560,777)	(\$22,994,641)	(\$22,714,252)	5.43%	(\$100,309)	(\$587,058)	
8	May-2000	(\$23,094,950)	\$44,114,612	\$45,700,391	(\$1,585,778)	\$0	\$2,888,682	(\$2,888,682)	(\$10,801,181)	(\$33,896,130)	(\$28,495,540)	5.43%	(\$125,840)	(\$712,899)	
9	Jun-2000	(\$34,021,971)	\$47,087,363	\$49,153,198	(\$2,065,835)	\$0	\$5,312,926	(\$5,312,926)	(\$7,378,762)	(\$41,400,733)	(\$37,711,352)	5.43%	(\$166,539)	(\$879,437)	
10	Jul-2000	(\$41,567,271)	\$51,819,153	\$50,158,308	\$1,660,845	\$0	\$7,985,110	(\$7,985,110)	(\$6,324,265)	(\$47,891,536)	(\$44,729,404)	5.43%	(\$197,531)	(\$1,076,969)	
11	Aug-2000	(\$48,089,068)	\$50,051,671	\$52,523,180	(\$2,471,509)	\$0	\$10,030,339	(\$10,030,339)	(\$12,501,849)	(\$60,590,916)	(\$54,339,992)	5.43%	(\$239,973)	(\$1,316,942)	
12	Sep-2000	(\$60,830,889)	\$50,838,642	\$46,806,891	\$4,031,752	\$0	\$10,777,330	(\$10,777,330)	(\$6,745,578)	(\$67,576,467)	(\$64,203,678)	5.43%	(\$283,533)	(\$1,600,474)	
13	Oct-2000	(\$67,860,000)	\$27,257,128		\$27,257,128	\$0		\$0	\$27,257,128	(\$40,602,872)	(\$54,231,436)	5.43%	(\$239,494)	(\$1,839,968)	
14			\$536,615,005	\$527,171,451	\$9,443,554	\$0	\$38,074,996	(\$38,074,996)	(\$10,370,956)	(\$39,002,398)					
15	Cumulative Over/(Under) Collection of Standard Service October 1, 1999 through September 30, 2000										(\$40,842,366)				
16	Oct-2000	\$0	\$19,343,607	\$43,470,210	(\$24,126,603)	\$0	\$12,972,901	(\$12,972,901)	(\$37,099,504)	(\$37,099,504)	(\$18,549,752)	5.43%	(\$81,918)	(\$81,918)	
17	Nov-2000	(\$37,181,423)	\$45,555,153	\$46,299,053	(\$743,900)	\$0	\$15,808,888	(\$15,808,888)	(\$16,252,788)	(\$53,434,211)	(\$45,307,817)	5.43%	(\$200,086)	(\$282,004)	
18	Dec-2000	(\$53,634,296)	\$51,680,637	\$53,305,447	(\$1,624,810)	\$0	\$21,166,793	(\$21,166,793)	(\$22,791,604)	(\$76,425,900)	(\$65,030,098)	5.43%	(\$287,182)	(\$569,186)	
19	Jan-2001	(\$76,713,082)	\$58,051,284	\$53,054,498	\$4,996,786	\$9,557,103	\$28,718,633	(\$19,161,529)	(\$398,540)	(\$14,563,284)	(\$91,276,366)	6.26%	(\$426,082)	(\$995,268)	
20	Feb-2001	(\$91,702,448)	\$49,991,815	\$46,396,676	\$3,595,139	\$17,492,830	\$28,559,494	(\$11,066,664)		(\$7,417,525)	(\$99,173,973)	6.26%	(\$484,131)	(\$1,479,399)	
21	Mar-2001	(\$99,658													

Massachusetts Electric Company  
Standard Service Revenue

	Total Standard Service Revenue (a)	1999 Standard Service Adjustment Revenue (b)	2000 Standard Service Adjustment Refund (c)	2001 Standard Service Adjustment Revenue (d)	Current Standard Service Revenue (e)	SOSFA Standard Service Revenue (f)	Base Standard Service Revenue (g)
<b>Section 1: Actual</b>							
October 1999	\$18,282,454	\$1,023,398			\$17,259,056	\$0	\$17,259,056
November	\$38,309,800	\$2,139,222			\$36,170,578	\$0	\$36,170,578
December	\$43,026,939	\$2,402,969			\$40,623,970	\$0	\$40,623,970
January 2000	\$44,547,127	\$1,191,633	(1)		\$43,355,494	\$0	\$43,355,494
February	\$47,174,479		(1)		\$47,174,479	\$0	\$47,174,479
March	\$42,321,593		(1)		\$42,321,593	\$0	\$42,321,593
April	\$38,541,267		(1)		\$38,541,267	\$0	\$38,541,267
May	\$44,114,612		(1)		\$44,114,612	\$0	\$44,114,612
June	\$47,087,363		(1)		\$47,087,363	\$0	\$47,087,363
July	\$51,819,153		(1)		\$51,819,153	\$0	\$51,819,153
August	\$50,051,671		(1)		\$50,051,671	\$0	\$50,051,671
September	\$50,838,642		(1)		\$50,838,642	\$0	\$50,838,642
October	\$27,257,128		(1)		<u>\$27,257,128</u>	<u>\$0</u>	<u>\$27,257,128</u>
12 Month Total	\$543,372,227	\$6,757,222	\$0		\$536,615,005	\$0	\$536,615,005
October 2000	\$19,343,607		(1)		\$19,343,607	\$0	\$19,343,607
November	\$45,555,153		(1)		\$45,555,153	\$0	\$45,555,153
December	\$51,680,637		(1)		\$51,680,637	\$0	\$51,680,637
January 2001	\$69,634,117		(1)	\$2,025,730	\$67,608,387	\$9,557,103	\$58,051,284
February	\$71,192,436			\$3,707,791	\$67,484,645	\$17,492,830	\$49,991,815
March	\$71,046,158			\$3,680,491	\$67,365,667	\$17,364,031	\$50,001,637
April	\$65,276,675			\$3,383,337	\$61,893,338	\$15,962,102	\$45,931,235
May	\$60,572,017			\$3,138,887	\$57,433,130	\$14,808,820	\$42,624,311
June	\$64,085,330			\$3,321,416	\$60,763,914	\$15,669,966	\$45,093,948
July	\$78,311,423			\$3,712,079	\$74,599,345	\$25,666,372	\$48,932,973
August	\$88,182,094			\$3,742,700	\$84,439,394	\$34,098,667	\$50,340,727
September	\$88,800,838			\$3,748,145	\$85,052,693	\$34,148,277	\$50,904,416
October	<u>\$46,022,445</u>			<u>\$1,942,703</u>	<u>\$44,079,742</u>	<u>\$17,699,408</u>	<u>\$26,380,334</u>
12 Month Total	\$819,702,930	\$0	\$0	\$32,403,278	\$787,299,653	\$202,467,576	\$787,299,653

**Section 2: Projected**

October 2001	\$30,223,489			\$1,276,080	\$28,947,409	\$11,625,996	\$17,321,413
November	\$74,457,695			\$3,282,657	\$71,175,038	\$29,907,350	\$41,267,688
December	\$81,516,236			\$3,593,851	\$77,922,385	\$32,742,547	\$45,179,838
January 2002	\$83,702,798			\$1,956,816	\$81,745,982	\$27,793,774	\$53,952,208
February	\$72,346,559				\$72,346,559	\$18,337,396	\$54,009,162
March	\$71,077,852				\$71,077,852	\$18,015,822	\$53,062,029
April	\$65,094,190				\$65,094,190	\$16,499,167	\$48,595,022
May	\$61,987,415				\$61,987,415	\$15,711,705	\$46,275,710
June	\$65,411,504				\$65,411,504	\$16,579,595	\$48,831,908
July	\$35,528,846				\$35,528,846	\$9,005,356	\$26,523,489

**Section 1: Actual**

- (a) Monthly SMB702, Monthly Standard Service Revenue Report  
October amounts are separated between September usage billed in October and October usage billed in October
- (b) Page 5
- (c) (1) : Standard Service Adjustment Factor not included in Standard Service price as it is applied to all customers.  
It is added into distribution rates for billing purposes only.
- (d) Page 7
- (e) Column (a) - Column (b) - Column (c) - Column (d)
- (f) Page 3, Column (c)
- (g) Column (e) - Column (f)

**Section 2: Projected**

- (a) November 30, 2001 Retail Rate Filing, Exhibit TMB-5, Page 2 of 5
- (b) n/a
- (c) n/a
- (d) Page 7
- (e) Column (a) - Column (b) - Column (c) - Column (d)
- (f) Page 3, Column (c)
- (g) Column (e) - Column (f)

Massachusetts Electric Company  
Estimated SOSFA Revenue

	Standard Service <u>kWh</u> (a)	Effective <u>SOSFA</u> (b)	Estimated SOSFA <u>Revenue</u> (c)
<b><u>Section 1: Actual</u></b>			
January 2001	723,474,901	\$0.01321	\$9,557,103
February	1,324,211,185	\$0.01321	\$17,492,830
March	1,314,461,052	\$0.01321	\$17,364,031
April	1,208,334,763	\$0.01321	\$15,962,102
May	1,121,031,013	\$0.01321	\$14,808,820
June	1,186,219,969	\$0.01321	\$15,669,966
July (June usage)	662,871,168	\$0.01321	\$8,756,528
July (July usage)	662,871,168	\$0.02551	\$16,909,843
August	1,336,678,447	\$0.02551	\$34,098,667
September	1,338,623,182	\$0.02551	\$34,148,277
October (September usage)	693,822,350	\$0.02551	\$17,699,408
October (October usage)	455,742,696	\$0.02551	\$11,625,996

**Section 2: Projected**

November	1,172,377,499	\$0.02551	\$29,907,350
December	1,283,518,118	\$0.02551	\$32,742,547
January 2002 (December usage)	698,862,802	\$0.02551	\$17,827,990
January 2002 (January usage)	698,862,802	\$0.01426	\$9,965,784
February	1,285,932,430	\$0.01426	\$18,337,396
March	1,263,381,654	\$0.01426	\$18,015,822
April	1,157,024,343	\$0.01426	\$16,499,167
May	1,101,802,621	\$0.01426	\$15,711,705
June	1,162,664,477	\$0.01426	\$16,579,595
July	631,511,654	\$0.01426	\$9,005,356

**Section 1: Actual**

- (a) Page 8
- (b) Total standard offer rate per tariff currently in effect less 3.800¢ base charge
- (c) Column (a) x Column (b)

**Section 2: Projected**

- (a) November 30, 2001 Retail Rate Filing, Exhibit TMB-5, Page 2 of 5
- (b) November - December 2001: Total standard offer rate per tariff currently in effect less 3.800¢ base charge  
January 2002 - July 2002: Per Company's current proposal pending at DTE
- (c) Column (a) x Column (b)

Massachusetts Electric Company  
Standard Service Expense

	Base Standard Service <u>Bill (1)</u> (a)	Fuel Index <u>Bill</u> (b)	<u>Supplier Reallocations</u>		Total <u>Expense</u> (e)
			Base <u>Bill (1)</u> (c)	Fuel Index <u>Bill</u> (d)	
<b>Section 1: Actual</b>					
October 1999	\$36,428,243	\$0	(\$2,381,957)	\$0	\$34,046,286
November	\$36,355,050	\$0	\$0	\$0	\$36,355,050
December	\$41,386,004	\$0	\$0	\$0	\$41,386,004
January 2000	\$48,272,160	\$0	\$0	\$0	\$48,272,160
February	\$42,864,690	\$0	\$0	\$0	\$42,864,690
March	\$41,883,859	\$0	\$0	\$0	\$41,883,859
April	\$38,021,435	\$1,080,609	\$0	\$0	\$39,102,044
May	\$45,700,391	\$2,888,682	\$0	\$0	\$48,589,072
June	\$49,153,198	\$5,312,926	\$0	\$0	\$54,466,124
July	\$50,158,308	\$7,985,110	\$0	\$0	\$58,143,418
August	\$52,523,180	\$10,030,339	\$0	\$0	\$62,553,519
September	<u>\$46,806,891</u>	<u>\$10,777,330</u>	<u>\$0</u>	<u>\$0</u>	<u>\$57,584,221</u>
12 Month Total	\$529,553,408	\$38,074,996	(\$2,381,957)	\$0	\$565,246,447
October 2000	\$45,859,440	\$13,232,444	(\$2,389,230)	(\$259,543)	\$56,443,111
November	\$46,565,608	\$15,594,248	(\$266,555)	(\$85,361)	\$61,807,941
December	\$53,681,469	\$21,302,622	(\$376,022)	(\$135,828)	\$74,472,240
January 2001	\$53,125,826	\$28,764,686	(\$71,328)	(\$46,053)	\$81,773,131
February	\$46,318,125	\$28,491,527	\$78,551	\$67,967	\$74,956,170
March	\$49,257,004	\$32,656,823	\$324,031	\$223,845	\$82,461,703
April	\$42,860,519	\$29,914,427	\$307,052	\$227,546	\$73,309,545
May	\$43,734,702	\$31,224,875	\$864,987	\$609,649	\$76,434,212
June	\$49,158,821	\$34,185,617	\$0	\$0	\$83,344,438
July	\$48,457,503	\$31,842,739	\$0	\$0	\$80,300,242
August	\$54,372,150	\$33,167,564	\$0	\$0	\$87,539,713
September	<u>\$43,163,764</u>	<u>\$23,666,276</u>	<u>\$0</u>	<u>\$0</u>	<u>\$66,830,040</u>
12 Month Total	\$576,554,931	\$324,043,848	(\$1,528,513)	\$602,221	\$899,672,486

**Section 2: Projected**

	Standard Service <u>kWhs</u> (a)	Base Standard Service Cost <u>per kWh</u> (b)	Estimated Base Standard Service <u>Expense</u> (c)	Fuel Index Standard Service Cost <u>per kWh</u> (d)	Estimated Fuel Index Standard Service <u>Expense</u> (e)
October 2001	1,149,565,046	\$0.03800	\$43,683,472	\$0.01801	\$20,701,677
November	1,172,377,499	\$0.03800	\$44,550,345	\$0.01557	\$18,256,520
December	1,283,518,118	\$0.03800	\$48,773,688	\$0.01263	\$16,209,721
January 2002	1,397,725,603	\$0.04200	\$58,704,475	\$0.00424	\$5,925,665
February	1,285,932,430	\$0.04200	\$54,009,162	\$0.00189	\$2,428,983
March	1,263,381,654	\$0.04200	\$53,062,029	\$0.00047	\$593,945
April	1,157,024,343	\$0.04200	\$48,595,022	\$0.00000	\$0
May	1,101,802,621	\$0.04200	\$46,275,710	\$0.00000	\$0
June	1,162,664,477	\$0.04200	\$48,831,908	\$0.00000	\$0

**Section 1: Actual**

Source: Monthly Standard Service Provider Invoice  
October 1999 & 2000 Supplier Reallocations include billing adjustments relating to prior months

Note (1): Included in Columns (a) and (c) are approximately \$1.9 million in standard offer costs power purchase costs to provide standard offer service for customers who have moved from the former Eastern Edison service territory to the prior Mass. Electric service territory and remain eligible for standard service. Mass. Electric's standard service contracts do not cover service to these customers, as the contracts are for service to customers of record in the prior Mass. Electric service territory as of March 1, 1998. Mass. Electric enters into contracts to procure this service for 6 month intervals.

**Section 2: Projected**

- (a) Page 3  
(b) Per Restructuring Settlement Agreement in Docket DPU/DTE 96-25  
(c) Column (a) x Column (b)  
(d) November 30, 2001 Retail Rate Filing, Exhibit TMB-5, Page 3 of 5, Column (b) less Column (b) above  
(e) Column (a) x Column (d)

18-Dec-2001

Massachusetts Electric Company  
Reconciliation of Standard Service Under Recovery  
Incurred March 1998 - September 1998

<u>Month</u>	<u>Beginning Under Recovery Balance</u> (a)	<u>Standard Service Adjustment Revenue</u> (b)	<u>Forecasted Revenue</u> (c)	<u>Ending Under Recovery Balance</u> (d)	<u>Balance Subject to Interest</u> (e)	<u>Interest Rate</u> (f)	<u>Interest</u> (g)	<u>Cumulative Interest</u> (h)
Jan-1999	\$32,690,530	\$1,748,107		\$30,942,423	\$31,816,477	5.13%	\$132,918	\$132,918
Feb-1999	\$31,075,342	\$2,792,713		\$28,282,628	\$29,678,985	5.13%	\$123,989	\$256,907
Mar-1999	\$28,406,617	\$2,719,395		\$25,687,222	\$27,046,920	5.13%	\$112,993	\$369,900
Apr-1999	\$25,800,215	\$2,336,818		\$23,463,397	\$24,631,806	5.13%	\$102,903	\$472,803
May-1999	\$23,566,301	\$2,075,083		\$21,491,218	\$22,528,759	5.13%	\$94,118	\$566,921
Jun-1999	\$21,585,335	\$2,253,323		\$19,332,013	\$20,458,674	5.13%	\$85,469	\$652,390
Jul-1999	\$19,417,482	\$2,660,593		\$16,756,889	\$18,087,185	5.13%	\$75,562	\$727,952
Aug-1999	\$16,832,451	\$2,587,068		\$14,245,383	\$15,538,917	5.13%	\$64,916	\$792,869
Sep-1999	\$14,310,299	\$2,479,623		\$11,830,677	\$13,070,488	5.13%	\$54,604	\$847,473
Oct-1999	\$11,885,281	\$2,215,146		\$9,670,135	\$10,777,708	5.13%	\$45,026	\$892,498
Nov-1999	\$9,715,160	\$2,139,222		\$7,575,938	\$8,645,549	5.13%	\$36,118	\$928,616
Dec-1999	\$7,612,056	\$2,402,969		\$5,209,087	\$6,410,572	5.13%	\$26,781	\$955,398
Jan-2000	\$5,235,868	\$1,191,633		\$4,044,235	\$4,640,052	5.43%	\$0	\$955,398
		\$29,601,692						
Remaining Recovery				\$4,044,235				

- (a) Prior Month Column (d) + Prior Month Column (g)  
 (b) Page 6  
 (c) December 1, 1998 Rate Filing, Schedule TMB-8, Page 2  
 (d) Column (a) - Column (b) - Column (c)  
 (e) [Column (a) + Column (d)] ÷ 2  
 (f) Interest Rate on Customer Deposits  
 (g) Column (e) x [ ( 1 + Column (f) ) ^ ( 1 ÷ 12 ) - 1 ]  
 (h) Column (g) + Prior Month Column (h)



18-Dec-2001

Massachusetts Electric Company  
1999 Standard Service Adjustment Revenue

	kWh <u>Sales</u> (a)	1999 Standard Service Adjustment <u>Factor</u> (b)	Standard Service Adjustment <u>Revenue</u> (c)
January 1999	844,496,056	\$0.00207	\$1,748,107
February	1,349,136,844	\$0.00207	\$2,792,713
March	1,313,717,390	\$0.00207	\$2,719,395
April	1,128,897,420	\$0.00207	\$2,336,818
May	1,002,455,335	\$0.00207	\$2,075,083
June	1,088,561,743	\$0.00207	\$2,253,323
July	1,285,310,771	\$0.00207	\$2,660,593
August	1,249,791,230	\$0.00207	\$2,587,068
September	1,197,885,320	\$0.00207	\$2,479,623
October	1,070,118,915	\$0.00207	\$2,215,146
November	1,033,440,582	\$0.00207	\$2,139,222
December	1,160,854,734	\$0.00207	\$2,402,969
January 2000	<u>575,668,133</u>	\$0.00207	<u>\$1,191,633</u>
Total	14,300,334,473		\$29,601,692

Massachusetts Electric Company  
Reconciliation of Standard Service Over Recovery  
Incurred October 1998 - September 1999

<u>Month</u>	<u>Beginning Over/(Under) Recovery Balance</u> (a)	<u>Standard Service Adjustment Refund/(Revenue)</u> (b)	<u>Ending Over/(Under) Recovery Balance</u> (c)	<u>Balance Subject to Interest</u> (d)	<u>Interest Rate</u> (e)	<u>Interest</u> (f)	<u>Cumulative Interest</u> (g)
<b>2000 Refund</b>							
Nov-1999	\$3,261,298		\$3,261,298	\$3,261,298	5.13%	\$13,625	\$13,625
Dec-1999	\$3,274,923		\$3,274,923	\$3,274,923	5.13%	\$13,682	\$27,306
Jan-2000	\$3,288,604	\$150,655	\$3,137,950	\$3,213,277	5.43%	\$14,190	\$41,496
Feb-2000	\$3,152,140	\$309,052	\$2,843,088	\$2,997,614	5.43%	\$13,238	\$54,734
Mar-2000	\$2,856,326	\$280,575	\$2,575,751	\$2,716,038	5.43%	\$11,994	\$66,729
Apr-2000	\$2,587,745	\$256,618	\$2,331,127	\$2,459,436	5.43%	\$10,861	\$77,590
May-2000	\$2,341,988	\$287,612	\$2,054,377	\$2,198,182	5.43%	\$9,707	\$87,297
Jun-2000	\$2,064,084	\$306,291	\$1,757,793	\$1,910,939	5.43%	\$8,439	\$95,736
Jul-2000	\$1,766,232	\$341,682	\$1,424,550	\$1,595,391	5.43%	\$7,045	\$102,782
Aug-2000	\$1,431,596	\$329,708	\$1,101,888	\$1,266,742	5.43%	\$5,594	\$108,376
Sep-2000	\$1,107,482	\$337,259	\$770,223	\$938,852	5.43%	\$4,146	\$112,522
Oct-2000	\$774,369	\$311,848	\$462,521	\$618,445	5.43%	\$2,731	\$115,253
Nov-2000	\$465,252	\$305,454	\$159,798	\$312,525	5.43%	\$1,380	\$116,633
Dec-2000	\$161,178	\$347,794	(\$186,616)	(\$12,719)	5.43%	(\$56)	\$116,577
Jan-2001	(\$186,672)	\$210,581	(\$397,253)	(\$291,963)	5.43%	(\$1,289)	\$115,288
		\$3,775,128					
Remaining Recovery			(\$398,542)				

**2001 Recovery**

Nov-2000	(\$40,840,979)		(\$40,840,979)	(\$40,840,979)	5.43%	(\$180,360)	(\$180,360)
Dec-2000	(\$41,021,339)		(\$41,021,339)	(\$41,021,339)	5.43%	(\$181,156)	(\$361,516)
Jan-2001	(\$41,202,495)	(\$2,025,730)	(\$39,176,765)	(\$40,189,630)	6.26%	(\$203,871)	(\$565,386)
Feb-2001	(\$39,380,636)	(\$3,707,791)	(\$35,672,844)	(\$37,526,740)	6.26%	(\$190,363)	(\$755,749)
Mar-2001	(\$35,863,207)	(\$3,680,491)	(\$32,182,716)	(\$34,022,961)	6.26%	(\$172,589)	(\$928,338)
Apr-2001	(\$32,355,305)	(\$3,383,337)	(\$28,971,967)	(\$30,663,636)	6.26%	(\$155,548)	(\$1,083,886)
May-2001	(\$29,127,515)	(\$3,138,887)	(\$25,988,629)	(\$27,558,072)	6.26%	(\$139,794)	(\$1,223,680)
Jun-2001	(\$26,128,423)	(\$3,321,416)	(\$22,807,007)	(\$24,467,715)	6.26%	(\$124,118)	(\$1,347,798)
Jul-2001	(\$22,931,125)	(\$3,712,079)	(\$19,219,046)	(\$21,075,085)	6.26%	(\$106,908)	(\$1,454,706)
Aug-2001	(\$19,325,954)	(\$3,742,700)	(\$15,583,254)	(\$17,454,604)	6.26%	(\$88,542)	(\$1,543,248)
Sep-2001	(\$15,671,797)	(\$3,748,145)	(\$11,923,652)	(\$13,797,724)	6.26%	(\$69,992)	(\$1,613,240)
Oct-2001	(\$11,993,644)	(\$3,218,782)	(\$8,774,862)	(\$10,384,253)	6.26%	(\$52,676)	(\$1,665,916)
Nov-2001	(\$8,827,538)	(\$3,282,657)	(\$5,544,881)	(\$7,186,210)	6.26%	(\$36,454)	(\$1,702,370)
Dec-2001	(\$5,581,335)	(\$3,593,851)	(\$1,987,484)	(\$3,784,409)	6.26%	(\$19,197)	(\$1,721,567)
Jan-2002	(\$2,006,681)	(\$1,956,816)	(\$49,865)	(\$1,028,273)	6.26%	(\$5,216)	(\$1,726,783)
			(\$42,512,681)				
Remaining Over Recovery			(\$55,081)				

- (a) Nov-1999: December 1, 1999 Retail Rate Filing in DTE 99-111, Exhibit TMB-4  
Nov-2000: December 1, 2000 Retail Rate Filing in DTE 00-109, Exhibit TMB-5, Line (1) less a correction  
inprorated revenue on \$1,314 plus interest of \$74 from October 1999 (revenue was understated by \$1,314),  
therefore theunder recovery should have been less by \$1,387 (\$1,314 + \$74) in interest)  
Prior Month Column (d) + Prior Month Column (g)  
Page 8  
(b) Column (a) - Column (b)  
(c) [Column (a) + Column (c)] ÷ 2  
(d) Interest Rate on Customer Deposits  
(e) Column (f) x [ ( 1 + Column (e) ) ^ ( 1 ÷ 12) - 1 ]  
(f) Column (f) + Prior Month Column (g)  
(g)

18-Dec-2001

Massachusetts Electric Company  
2000 & 2001 Standard Service Adjustment Refund

	kWh <u>Sales</u> (a)	2000 Standard Service Adjustment Refund <u>Factor</u> (b)	Standard Service Adjustment Refund (c)
<b><u>Section 1: Actual</u></b>			
January 2000	792,918,602	\$0.00019	\$150,655
February	1,626,589,570	\$0.00019	\$309,052
March	1,476,711,369	\$0.00019	\$280,575
April	1,350,621,449	\$0.00019	\$256,618
May	1,513,745,070	\$0.00019	\$287,612
June	1,612,056,577	\$0.00019	\$306,291
July	1,798,326,298	\$0.00019	\$341,682
August	1,735,306,395	\$0.00019	\$329,708
September	1,775,045,210	\$0.00019	\$337,259
October	1,641,306,491	\$0.00019	\$311,848
November	1,607,652,378	\$0.00019	\$305,454
December	1,830,495,423	\$0.00019	\$347,794
January 2001	<u>1,108,321,363</u>	\$0.00019	<u>\$210,581</u>
Calendar Year Total	19,869,096,195		\$3,775,128
January 2001	723,474,901	\$0.00280	\$2,025,730
February	1,324,211,185	\$0.00280	\$3,707,791
March	1,314,461,052	\$0.00280	\$3,680,491
April	1,208,334,763	\$0.00280	\$3,383,337
May	1,121,031,013	\$0.00280	\$3,138,887
June	1,186,219,969	\$0.00280	\$3,321,416
July	1,325,742,335	\$0.00280	\$3,712,079
August	1,336,678,447	\$0.00280	\$3,742,700
September	1,338,623,182	\$0.00280	\$3,748,145
October	1,149,565,046	\$0.00280	\$3,218,782
<b><u>Section 2: Projected</u></b>			
November	1,172,377,499	\$0.00280	\$3,282,657
December	1,283,518,118	\$0.00280	\$3,593,851
January 2001	698,862,802	\$0.00280	<u>\$1,956,816</u>
Calendar Year Total	15,183,100,312		\$42,512,681

- (a) 2000: kWhs per Monthly SMB702, Monthly Standard Service, Default Service and Open Access  
Revenue Reports  
2001: kWhs per Monthly SMB702, Monthly Standard Service Revenue Report
- (b) Approved Standard Service Adjustment Factors for 2000 and 2001
- (c) Column (a) x Column (b)